

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L4    | 58   | ("0008732"   "0142432"   "0179548"   "0205648"   "0212603"   "0214238"   "0222663"   "0439672"   "0492953"   "0492954"   "0493495"   "0556286"   "0564882"   "0595191"   "1039123"   "1097464"   "1104383"   "1162682"   "1250102"   "1278061"   "1446353"   "1540015"   "1568465"   "1705877"   "1915622"   "2080251"   "4380992"   "4734833"   "4926298"   "6061950"   "6231336"   "6382962").PN. | US-PGPUB; USPAT; USOCR                                   | OR               | ON      | 2006/11/17 17:57 |
| L3    | 2    | ("6585510").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/11/17 17:56 |
| L2    | 9    | ("1267475").PN.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2006/11/17 17:55 |
| S68   | 4    | ((("6585510") or ("1267475") or ("1365074") or ("1165326"))).PN.  | US-PGPUB; USPAT  | OR               | OFF     | 2006/11/17 11:17 |

## EAST Search History

|     |    |   |                    |    |    |                  |
|-----|----|---|--------------------|----|----|------------------|
| S66 | 78 | (US-0358235-\$ or US-0383862-\$ or US-0426802-\$ or US-0821406-\$ or US-0911328-\$ or US-0944745-\$ or US-0945529-\$ or US-0958151-\$ or US-0976072-\$ or US-0978793-\$ or US-1008997-\$ or US-1020616-\$ or US-1038420-\$ or US-1044705-\$ or US-1045547-\$ or US-1051884-\$ or US-1052984-\$ or US-1063422-\$ or US-1067981-\$ or US-1071942-\$ or US-1086275-\$ or US-1091731-\$ or US-1112902-\$ or US-1165326-\$ or US-1170606-\$ or US-1197952-\$).did.<br>or (US-1267475-\$ or US-1365074-\$ or US-1446353-\$ or US-1584492-\$ or US-1601677-\$ or US-1879955-\$ or US-1879954-\$ or US-1890378-\$ or US-1913568-\$ or US-1975496-\$ or US-1996977-\$ or US-2017275-\$ or US-2028327-\$ or US-2029548-\$ or US-2050760-\$ or US-2072692-\$ or US-2080251-\$ or US-2130434-\$ or US-2134759-\$ or US-2165279-\$ or US-2189746-\$ or US-2214991-\$ or US-2237523-\$ or US-2254664-\$ or US-2371410-\$ or US-2518689-\$ or US-2668993-\$).did. or (US-2771763-\$ or US-3285694-\$ or US-3315723-\$ or US-3493314-\$ or US-3502068-\$ or US-3697739-\$ or US-3767910-\$ or US-3888620-\$ or US-4186430-\$ or US-4380992-\$ or US-4781895-\$ or US-4926298-\$ or US-5879151-\$ or US-5881905-\$ or US-6213115-\$ or US-6231336-\$ or US-6382962-\$ or US-6585510-\$ or US-6589047-\$ or US-6629836-\$).did. or (US-1226625-\$).did. or (JP-08235930-\$ or JP-2000093154-\$ or JP-2001082740-\$ or JP-2002289037-\$ or JP-2003227248-\$ or JP-2003235717-\$ or JP-2003336843-\$).did. or (DE-2618394-\$ or FR-2540383-\$ or US-4781895-\$ or JP-2001082740-\$ or US-6382962-\$ or US-20020058223-\$ or US-6589047-\$ or CA-2422284-\$ or US-20040265760-\$ or US-20050077303-\$ or US-20050079466-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2006/11/17 11:10 |
|-----|----|---|--------------------|----|----|------------------|

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S67 | 170 | (US-0358235-\$ or US-0383862-\$ or US-0426802-\$ or US-0821406-\$ or US-0911328-\$ or US-0944745-\$ or US-0945529-\$ or US-0958151-\$ or US-0976072-\$ or US-0978793-\$ or US-1008997-\$ or US-1020616-\$ or US-1038420-\$ or US-1044705-\$ or US-1045547-\$ or US-1051884-\$ or US-1052984-\$ or US-1063422-\$ or US-1067981-\$ or US-1071942-\$ or US-1086275-\$ or US-1091731-\$ or US-1112902-\$ or US-1165326-\$ or US-1170606-\$ or US-1197952-\$).did.<br>or (US-1267475-\$ or US-1365074-\$ or US-1446353-\$ or US-1584492-\$ or US-1601677-\$ or US-1879955-\$ or US-1879954-\$ or US-1890378-\$ or US-1913568-\$ or US-1975496-\$ or US-1996977-\$ or US-2017275-\$ or US-2028327-\$ or US-2029548-\$ or US-2050760-\$ or US-2072692-\$ or US-2080251-\$ or US-2130434-\$ or US-2134759-\$ or US-2165279-\$ or US-2189746-\$ or US-2214991-\$ or US-2237523-\$ or US-2254664-\$ or US-2371410-\$ or US-2518689-\$ or US-2668993-\$).did. or (US-2771763-\$ or US-3285694-\$ or US-3315723-\$ or US-3493314-\$ or US-3502068-\$ or US-3697739-\$ or US-3767910-\$ or US-3888620-\$ or US-4186430-\$ or US-4380992-\$ or US-4781895-\$ or US-4926298-\$ or US-5879151-\$ or US-5881905-\$ or US-6213115-\$ or US-6231336-\$ or US-6382962-\$ or US-6585510-\$ or US-6589047-\$ or US-6629836-\$).did. or (US-1226625-\$).did. or (JP-08235930-\$ or JP-2000093154-\$ or JP-2001082740-\$ or JP-2002289037-\$ or JP-2003227248-\$ or JP-2003235717-\$ or JP-2003336843-\$).did. or (DE-2618394-\$ or FR-2540383-\$ or US-4781895-\$ or JP-2001082740-\$ or US-6382962-\$ or US-20020058223-\$ or US-6589047-\$ or CA-2422284-\$ or US-20040265760-\$ or US-20050077303-\$ or US-20050079466-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/11/17 11:10 |
|-----|-----|---|--|----|----|------------------|

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S1  | 1   | "3385281".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/17 11:09 |
| S65 | 19  | ("4850854").URPN.   | USPAT   | OR | ON | 2006/11/16 18:07 |
| S63 | 28  | ("2030011"   "2199885"   "2240678"  <br>"2459656"   "2482794"   "2676237"  <br>"2729736"   "2796537"   "2902579"  <br>"3098923"   "3351736"   "3354291"  <br>"3408153"   "3934302"   "4099907").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/11/16 18:06 |
| S64 | 3   | ("3752637"   "3819320"   "3825401").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/11/16 18:06 |
| S56 | 311 | 431/144,147,148.ccls.   | USOCR   | OR | ON | 2006/11/16 18:04 |
| S62 | 357 | 431/144,147,148.ccls.   | USPAT   | OR | ON | 2006/11/16 18:04 |
| S61 | 0   | ("2016898").URPN.   | USPAT   | OR | ON | 2006/11/16 17:57 |
| S59 | 3   | ("1235465").URPN.   | USPAT   | OR | ON | 2006/11/16 17:50 |
| S60 | 0   | ("6929466").URPN.   | USPAT   | OR | ON | 2006/11/16 17:50 |
| S57 | 0   | ("193596").URPN.  | USPAT   | OR | ON | 2006/11/16 17:43 |
| S58 | 0   | ("193596").URPN.  | USPAT   | OR | ON | 2006/11/16 17:43 |
| S55 | 132 | 431/12.ccls.  | USOCR   | OR | ON | 2006/11/16 17:39 |
| S54 | 598 | 431/12.ccls.  | USPAT   | OR | ON | 2006/11/16 17:34 |
| S53 | 1   | ("821406").URPN.  | USPAT   | OR | ON | 2006/11/16 17:33 |